

Title (en)
SYSTEM AND APPARATUS FOR DRIVING ANTENNA

Title (de)
SYSTEM UND VORRICHTUNG ZUM ANTREIBEN EINER ANTENNE

Title (fr)
SYSTÈME ET APPAREIL D'ENTRAÎNEMENT D'ANTENNE

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Application
EP 15739395 A 20150626

Priority
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Abstract (en)
[origin: US2015380802A1] A multiple-antenna positioning system with a single drive element, providing reduced weight and complexity over systems that have a drive element for each antenna. In certain examples, each antenna can be coupled with a rotating spindle, with each antenna spindle being coupled with a pair of link arms. By driving a single drive spindle, each of the antenna spindles in the system can be rotated by the associated pair of link arms. The link arms can have an adjustable length, such as through a turnbuckle mechanism, to reduce backlash in the system, and in some examples can apply a preload to the system. By reducing backlash, the multiple antenna positioning system can have improved responsiveness to a rotation of the single drive element, as well as improved stability of the positioning of each antenna when the drive element is held in a fixed position.

IPC 8 full level
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